


DFW 2874 \$1

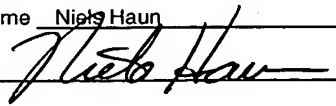
 <h2 style="margin: 0;">FEE TRANSMITTAL</h2>	Complete if known
	Application Number: 10/071,261
	Filing Date: February 7, 2002
	First Named Inventor: Steinberg, et al.
	Group Art Unit: 2874
Examiner Name: Healy, Brian	Attorney Docket Number: ACT - 181
Total Amt. of Payment: (1)+(2)+(3)= \$180	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																								
<p>1. The Commissioner is hereby authorized to:</p> <p><input type="checkbox"/> Charge indicated fees</p> <p><input checked="" type="checkbox"/> Charge additional fees</p> <p><input checked="" type="checkbox"/> Credit overpayments</p> <p style="margin-left: 20px;">to the account of DANN, DORFMAN, HERRELL & SKILLMAN</p> <p style="margin-left: 20px;">Deposit Account Number <u>04-1406</u></p> <p>2. Payment enclosed:</p> <p style="margin-left: 100px;">Check in the amount of <u>\$180</u></p>	<p>ADDITIONAL FEES</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 80%;">Fee Description</th> <th style="text-align: left; width: 20%;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>Surcharge-late filing fee or oath</td><td>_____</td></tr> <tr><td>Surcharge - late provisional filing fee or cover sheet</td><td>_____</td></tr> <tr><td>Extension for response within first month</td><td>_____</td></tr> <tr><td>Extension for response within second month</td><td>_____</td></tr> <tr><td>Extension for response within third month</td><td>_____</td></tr> <tr><td>Extension for response within fourth month</td><td>_____</td></tr> <tr><td>Notice of Appeal</td><td>_____</td></tr> <tr><td>Filing a brief in support of an appeal</td><td>_____</td></tr> <tr><td>Request for oral hearing</td><td>_____</td></tr> <tr><td>Petition to revive unavoidably abandoned application</td><td>_____</td></tr> <tr><td>Petition to revive unintentionally abandoned application</td><td>_____</td></tr> <tr><td>Issue fee</td><td>_____</td></tr> <tr><td>Petitions to the Commissioner</td><td>_____</td></tr> <tr><td>Petitions related to provisional applications</td><td>_____</td></tr> <tr><td>Submission of Information Disclosure Stmt.</td><td style="text-align: right;">180</td></tr> <tr><td>Recording each patent assignment per property</td><td>_____</td></tr> <tr><td>Other fee (specify) <u>Advance Order (10 copies)</u></td><td>_____</td></tr> <tr><td>Other fee (specify)</td><td>_____</td></tr> <tr> <td style="text-align: right;">SUBTOTAL (1)</td> <td style="text-align: right;">\$0</td> </tr> </tbody> </table>	Fee Description	Fee Paid	Surcharge-late filing fee or oath	_____	Surcharge - late provisional filing fee or cover sheet	_____	Extension for response within first month	_____	Extension for response within second month	_____	Extension for response within third month	_____	Extension for response within fourth month	_____	Notice of Appeal	_____	Filing a brief in support of an appeal	_____	Request for oral hearing	_____	Petition to revive unavoidably abandoned application	_____	Petition to revive unintentionally abandoned application	_____	Issue fee	_____	Petitions to the Commissioner	_____	Petitions related to provisional applications	_____	Submission of Information Disclosure Stmt.	180	Recording each patent assignment per property	_____	Other fee (specify) <u>Advance Order (10 copies)</u>	_____	Other fee (specify)	_____	SUBTOTAL (1)	\$0
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Submitted By: _____

Typed or _____

Printed Name Nigel Haun Reg. Number 48,488

Signature  Date August 2, 2004 Deposit Account User ID 04-1406



FEE TRANSMITTAL

Complete if known

Application Number: 10/071,261

Filing Date: February 7, 2002

First Named Inventor: Steinberg, et al.

Group Art Unit: 2874

Examiner Name: Healy, Brian

Total Amt. of Payment: (1)+(2)+(3)= **\$180**

Attorney Docket Number: ACT - 181

METHOD OF PAYMENT (check one)

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to the account of DANN, DORFMAN, HERRELL & SKILLMAN

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Check in the amount of \$180

FEE CALCULATION

1. FILING FEE

Fee Description

Utility filing fee

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Fee

SUBTOTAL (1) \$0

FEE CALCULATION (continued)

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180

Recording each patent assignment per property

Other fee (specify) Advance Order (10 copies)

Other fee (specify)

SUBTOTAL (3) \$180

2. Claims

Paid Extr Fee

Total Claims - = 0 x 18 = 0

Independent Claims - = 0 x 84 = 0

Multiple Dependent

(First presentation)

SUBTOTAL (2) \$0

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04-1406



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of **Steinberg, et al.**
Application No. **10/071,261**
Attorney Docket No. **ACT - 181**
Filed: **February 7, 2002**
For: **Combined Wet and Dry Etching Process for
Micromachining of Crystalline Materials**
Examiner: **Healy, Brian**
Group Art Unit: **2874**

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this Correspondence is being deposited on the date identified below with the United States Postal Service as first-class mail in an envelope properly addressed to Commissioner for Patents, Alexandria, VA 22313-1450

8/2/04
Date of Certificate

Robin Dolan
Robin Dolan

Commissioner for Patents
Alexandria, VA 22313-1450

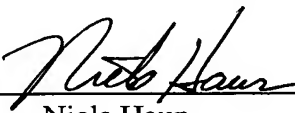
**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97**

In compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicants are submitting herewith a Form PTO-1449 and a copy of the references listed thereon. This Information Disclosure Statement is being filed more than three months after the filing date of this application, and after receipt of the first Official Action on the merits, but before receipt of a Final Official Action or an Notice of Allowance. Accordingly, the fee required under 37 C.F.R. 1.97(c) is enclosed. In the event the enclosed fee is in error, the Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit account no. 04-1406.

Applicants respectfully request full and proper consideration of the listed information during examination of the application, and that the listed information be printed on any patent that issues therefrom.

Respectfully submitted,

DANN, DORFMAN, HERRELL & SKILLMAN
A Professional Corporation
Attorneys for Applicant(s)

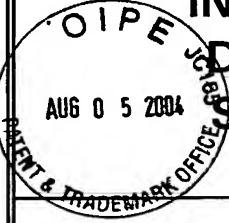
By 
Niels Haun
PTO Registration No. 48,488

Telephone: (215) 563-4100

Facsimile: (215) 563-4044

Enclosures - Form PTO-1449

Copies of references listed on PTO - 1449

 INFORMATION DISCLOSURE STATEMENT	<i>Complete if known</i>	
	Application Number: 10/071,261	
	Filing Date: February 7, 2002	
	First Named Inventor: Steinberg, et al.	
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SHEET 1 OF 3		Attorney Docket Number: ACT - 181

UNITED STATES PATENT DOCUMENTS				
EXAMINER'S INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE MM-DD-YYYY	FIRST NAMED INVENTOR
		4021097	05/03/1977	McMahon
		4181400	01/01/1980	Malsot, et al.
		4225213	09/30/1980	McBride, Jr., et al.
		4253735	03/03/1981	Kawamura, et al.
		4362367	12/07/1982	Hammer, et al.
		4411057	10/25/1983	Duda, et al.
		4601541	07/22/1986	Shaw, et al.
		4683560	7/28/1987	Takeuchi, et al.
		4706061	11/10/1987	Johnson
		4784721	11/15/1988	Holmen; et al.
		4812002	03/14/1989	Kato, et al.
		4837129	06/06/1989	Frisch, et al.
		4830450	05/16/1989	Connell, et al.
		4904036	02/27/1990	Blonder
		4938841	07/03/1990	Shahar, et al.
		4945400	07/31/1990	Blonder, et al.
		4957592	09/18/1990	O'Neill
		5024500	06/18/1991	Stanley, et al.
		5095386	03/10/1992	Scheibengraber
		5135590	08/04/1992	Basavanhally, et al.
		5281301	01/25/1994	Basavanhally
		5339377	08/16/1994	Takahashi

EXAMINER'S SIGNATURE		DATE CONSIDERED	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw a line through citation if citation not in conformance and reference not considered. Include a copy of this form with next communication to applicant.



INFORMATION DISCLOSURE STATEMENT

SHEET 2 OF 3

Complete if known

Application Number: 10/071,261

Filing Date: February 7, 2002

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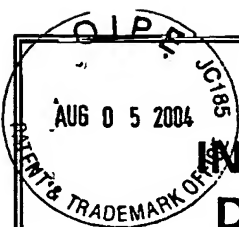
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		5357593	10/18/1994	Bossler
		5381231	01/10/1995	Tu
		5384872	01/24/1995	Jacobs-Cook, et al.
		5440657	08/08/1995	Essert
		5507911	04/16/1996	Greiff
		5760305	06/02/1998	Greiff
		5781675	07/14/1998	Tseng, et al.
		5844723	12/01/1998	Snyder
		5852308	12/22/1998	Wood
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		5966493	10/12/1999	Wagoner, et al.
		6023546	02/08/2000	Tachigori
		6088168	06/11/2000	Snyder
		6146917	11/14/2000	Zhang, et al.
		6212320	04/03/2001	Rickman, et al.
		6428053	08/06/2002	Tai, et al.
		6511235	01/28/2003	Wu, et al.
		6548371	04/15/2003	Fujimaki
		6553173	04/22/2003	Goto
		2003/0059622	03/27/2003	Steinberg, et al.
		2003/0034438	02/20/2003	Sherrer, et al.
		2002/0195417	12/26/2002	Steinberg
		2003/0021572	01/30/2003	Steinberg
		2003/0067049	04/10/2003	Steinberg, et al.

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**INFORMATION
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SHEET 3 OF 3

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FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	DOCUMENT NUMBER	COUNTRY OR REGION	DATE OF PUBLICATION MM-DD-YYYY	FIRST NAMED INVENTOR OR APPLICANT
		03/008139	WO	01/30/2003	Steinberg

OTHER PRIOR ART - NON-PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in Capital Letters), title of the article (when appropriate), title of the item(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		BRUGGER, J., et al., "Self-aligned 3D shadow mask technique for patterning deeply recessed surfaces of micro-electro-mechanical systems devices", Sensors and Actuators 76, pp. 329-334. 1999.
		FLEMING, J.G., "Combining the best of bulk and surface micromachining using Si{111} substrates", SPIE Vol. 3511, pp. 162-168. September 1998.
		MADOU, Marc, "Fundamentals of Fabrication", CRC Press, pp. 174-178, 1997.

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